SCHWEIGER, Otto; TOMCSANYI, Attila; B. LOW, Brigitta

Changes in the leukocytes of guinea pigs infected with tuberculosis. Tuberkulozis 14 no.5:133-137 My '61.

1. Az Orszagos Koranyi Tbc Intezet (igazgato: Boszormenyi Miklos dr., tudomanyos igazgato: Foldes Istvan dr.) kozlemenye.

(TUBERCULOSIS blood) (LEUKOCYTES)

FOLDES, Istvan, dr.; TOMCSANYI, Attila, MEDVECZKY, Endre; SCHWEIGER, Otto, dr.; TOPERCZER, Johanna, dr.; VEKERDI, Laszlo, dr.

Linkage of purified I-131 labeled tuberculin to peritoneal exudates in guinea pugs and rats. Tuberkulozis 14 no.7:203-206 Jl '61.

1. Az Orszagos Koranyi Tbc Intezet (Igazgato: Boszormenyi Miklos dr. kandidatus, tudomanyos igazgato: Foldes Istvan dr. kandidatus) es az Onkopathologiai Kutato Intezet (Igazgato: Kellner Bela dr. az MTA lev. tagja) kozlemenye.

(TUBERCULIN metab)

TOMCSANYI, Attila; SCHWEIGER, Otto, dr.; B. LOW, Brigitta, dr.

Glycogen breakdown and P-32 uptake of peritoneal exudate cells in H-37 Rv-infected guinea pugs in the presence of tuberculin. Tuberkulozis 16 no.6:173-176 Je '63.

1. Az Orszagos Koranyi Tbc Intezet (igazgato: Boszormenyi Miklos dr. kandidatus, tudomanyos vezeto: Foldes Istvan dr. kandidatus) kozlemenye.

(PERITONEAL CAVITY) (EXUDATES AND TRANSUDATES)
(RADIOISOTOPES) (PHOSPHORUS ISOTOPES)
(GLYCOGEN) (TUBERCULIN)

SCHWEIGER, B.; LOW, Brigitta, B.; TOMOSANYI, A.

The effect of tuberculin on the respiration of ascites cells in various periods after infection with Mycobacterium tuberculosis. Acta microbiol. acad. sci. Hung. 11 no.2:115-123 '64.

1. "Koranyi"-Landesinstitut fur Tuberkulose (Direktor A. Boszormenyi), Budapest.

FOLDES, I.; TOMCSANYI, A.

Experience with I-131 labeled purified tuberculin. Tuberkuloza 16 no.3:205-210 My-Ag '64

1. "Koranyi" Institut za tuberkulozu Madzarske, Budimpesta (Direktor: prof. dr. M. Boszozmenyi; naucni direktor dr. I.Foldes).

TOMCSANYI, Atilla; Technikai munkatars: GONDA, Lucy

Current data on the mechanism of action of streptomycin. Tuberkulozis 17 no.2:52-56 F '64.

1. Az Orszagos Koranyi Tbc Intezet, Budapest (igazgato: Boszormenyi Miklos dr., kandidatus, tudomanyos igazgato: Foldes Istvan dr. kandidatus) kozlemenye.

ACC NR: AP6008876 SOURCE CODE: HU/0005/65/071/005/0220/0222

AUTHOR: Gorog, Sandor; Tomcsanyi, Laszlo

ORG: Research Laboratory for Applied Physical Chemistry, Kobanya Pharmaceutical Works, Budapest (Kobanyai Gyogyszerarugyar, Alkalmazott Fizikai-Kemiai Kutatolaboratorium)

TITLE: Data on the analytical chemistry of compounds with a sterane skeleton. Part 3: Determination of steroids containing isolated ketone groups

SOURCE: Magyar kemiai folyoirat, v. 71, no. 5, 1965, 220-222

TOPIC TAGS: quantitative analysis, hydroxylamine, ketone

ABSTRACT: Quantitative determination of ketosteroids was achieved by determining alkalimetrically the excess hydroxylamine remaining after the sample has been transformed into hydroxylamine oxime. The results of the analysis are accurate to within ± 1.5% and acids of pK > 3 do not interfere. The analytical technique was described in detail and results for 15 determinations were presented. The authors thank Candidate I. Gyenes for the valuable discussions as well as Maria Kapas for carrying out the experimental work. Orig. art. has: 1 figure and 1 table. [JPRS]

SUB CODE: 07 / SUBM DATE: 26Sep64 / OTH REF: 013

Card 1/1 HLS

L 47523-66

ACC NR: AT6034999 SOURCE CODE: HU/2502/66/047/002/0121/0127

AUTHOR: Gorog, Sa.ior--Gereg, Sh., (Doctor), and Tomcsanyi, Lassio--Tomchani, L., of Gedeon Richter Chemical Works in Budapest.

"Analysis of Steroids. Part 3: Determination of Steroids Containing Isolated Carbonyl Groups"

15
B+1

Budapest, Acta Chimica Academiae Scientiarum Hungaricae, Vol 47, No 2, 1966, pp 121-127.

Abstract: [English article] The method described for the determination of ketosteroids containing isolated carbonyl groups is based on the reaction of the steroid with hydroxylamine. The formation of oxime, in the reaction with 0.1 N hydroxylammonium salicylate, ceases and the excess hydroxylamine is back-titrated alkalimetrically using a mixture of dimethyl yellow and methylene blue as the indicator. The reaction is conducted using a 2:1 mixture of chloroform and methanol. The method is accurate to within ± 1.5%. Acids of pK > 3 do not interfere, but the technique is not suitable for ketosteroids where the carbonyl groups are conjugated with a double bond. Orig. art. has: 1 figure and 1 table. [JPRS: 36002]

TOPIC TAGS: organic oxine compound, hydroxylamine, quantitative analysis

SUB CODE: 07 / SUBM DATE: 04 Dec 64 / OTH REF: 013

Card 1/1 mt

0921 1512

L 47256-66 T DS

ACC NR: AP6034694 SOURCE CODE: HU/0005/66/000/003/0136/0139

FARSANG, Gyorgy, and TOMCSANYI, Laszlo, Department of Inorganic and Analytical Chemistry (Szervetlen es Analitikai-Kemiai Tanszek), Eotvos Lorand University of Sciences (Eotvos Lorand Tudomanyegyetem), Budapest.

19
B

"Recording of the Polarographic 'Redox-Wave' on a Stationary Electrode by Cyclic Voltametric Method"

Budapest, Magyar Kemiai Folyoirat, Vol 72, No 3, Mar 66; pp 136-139.

Abstract [Authors' English summary]: Application of the cyclic voltametric method (cyclic voltage sweep chronoamperometry) for a special case was investigated. The method of recording the current type known in polarography as 'redox wave' on a stationary electrode was developed by cyclic polarization. The analytical applicability of the method was examined. The validity of redox potential values that can be measured on a carbon paste electrode was proved by potentiometric measurements. On basis of favorable results, use of the carbon paste electrode as an indicator electrode is suggested in the field of voltammetric and potentiometric end-point indication.
Orig. art. has: 3 figures, 3 formulas and 4 tables. [JPRS: 36,002]

TOPIC TAGS: carbon electrode, polarographic analysis

SUB CODE: 07 / SUBM DATE: 15 Jul 65 / ORIG REF: 001 /OTH REF: 008

Card 1/1

BALINT, Gyorgy, dr., okleveles mezogazdasagi mernok; TAKATS, Izabella, dr., okleveles mezogazdasagi mernok; TOMCSANYI, Pal, dr., okleveles kozgazdasz

Standardization of grape and fruit plantations. Szabvany kozl 16 no.9:150-153 S '64.

1. Hungarian Bureau of Standards, Budapest (for Takats).

L 13503-66

ACC NR: AP6007043 SOURCE CODE: HU/0018/65/017/003/0273/0276

AUTHOR: Szabo, Denes--Sabo, D.; Tomcsanyi, Tihamer--Tomchani, T.; Tigyi, Andras--Tidi, A.

ORG: Medical University of Pecs, Institute of Physiology and Biology (Pecsi Orvostudomanyi Egyetem, Elettani es Biologiai Intezet)

23
B

TITLE: Study of the base composition of canine DNA

SOURCE: Kiserletes orvostudomany, v. 17, no. 3, 1965, 273-276

TOPIC TAGS: dog, DNA, paper chromatography, heterocyclic base compound, chemical composition, biochemistry

ABSTRACT: The base composition of the DNA of the dog thymus, spleen and liver was determined by means of paper chromatography. The results indicate that the different organs of the dog have an identical base ratio. The guanine-cytosine content of the canine DNA is 42.6 per cent, as in other mammalian species. The amount of 5-methylcytosine is 0.88 per cent lower than in the DNA of calves. Orig. art. has: 4 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: 16Jul64 / ORIG REF: 002 / OTH REF: 003

Card 1/1 HW

L 37815-66 T JK

ACC NR: AP6028452 SOURCE CODE: HU/0018/66/000/003/0231/0236

AUTHOR: Tomcsanyi, Tihamer--Tomchan'i, T.; Szabo, Denes--Sabo, D.; Tigyi, Andras--Tid'i, A.

ORG: Institute of Physiology and Biology, Medical University of Pecs (Pecsi Orvostudomanyi Egyetem, Elettani es Biologiai Intezet)

TITLE: Fractionation of mammalian DNA-s on methylated albumen

SOURCE: Kiserletes orvostudomany, no. 3, 1966, 231-236

TOPIC TAGS: chromatography, DNA, animal, liver

ABSTRACT: The chromatographic behavior of DNA-s isolated from the thymus, liver and spleen of cattle and dogs was studied on methylated albumen using the fractional elution technique. Within a given species, the DNA-s of different organs behaved in a similar manner. The DNA-s of the two species, however, differ in their chromatographic behavior. Elution from the methylated albumen occurred at 0.8 M NaCl concentration in case of the main fraction of cattle DNA, and at 0.9 M NaCl concentration in case of the corresponding dog DNA fraction. Orig. art. has: 6 figures and 1 table. [JPRS: 36,599]

SUB CODE: 06 / SUBM DATE: 13Feb65 / ORIG REF: 001 / OTH REF: 008

Card 1/1 2917 2207

TOMCSIK, EUGENE,
EUGENE TOMCSIK, J. pharm. chim. (8), 11, 101-6 (1930)

PROCESSES AND PROPERTIES INDEX

Ratio of sensitizing capacity of anti-anthrax immune sera to their content of precipitin and complement-fixing antibodies. JÓZSEF TOMCSIK. *Magyar Orvosi Arch.* 31, 211-9(1930); cf. *C. A.* 24, 2501.—Purified ext. of encapsulated anthrax bacilli was prepd. according to Torniessen. Diln. of the ext. to 1:1,000,000 gave a ppt. with immune horse serum. The reaction on complement-fixing bodies was neg. Immune rabbit sera gave both ppt. and powerful complement fixation in the presence of purified ext. Passive sensitization of guinea pigs could successfully be demonstrated with rabbit sera, being active in complement fixation. The passive sensitizing property of immune sera is approx. parallel to their content in complement-fixing antibodies. S. S. DE F.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

TOMCZYK, H.

The Ordovician and Silurian sedimentation cycles in Poland and the phenomena of Caledonian orogeny. Bul geolog PAN 11 no.2:119-131 '64.

1. Department of Lowland Geology of the Institute of Geology, Warsaw. Presented by M. Ksiazkiewicz.

TOMCSIK, Jozsef, dr.

Immunocytological studies on the erythrocytes and bacteria. Orv. hetil. 102 no.1:1-13 1 Ja '61.

1. Baseli Tudomanyegyetem, Kozegeszsegtani es Mikrobiologiai Intezet.

(ERYTHROCYTES)
(IMMUNITY)

TOMCZAK, A.

In the region on the Pilica River, 1905. p. 9.
(w). On the roads of the beautiful land of Opole. p. 10
No. 6, June 1955. TURYSTA. Warszawa, Poland.

So: Eastern European Accession. Vol 5, no. 4, April 1956

TOMCZAK, Anna (Torun)

"Surfaces of aggradation and surfaces of regradation" by C. Klein. Reviewed by Anna Tomczak. Czasop geograf 34 no.2:179-180 '63.

HAHN, W.E.; TOMCZYK, D.

The reactions of 2',3- and 3',4-cycloalkenequinoline derivatives. Pt.1. Acta chim 8:61-67 '62.

1. Department of Organic Chemistry, University, Lodz. Presented by W.E. Hahn.

TOMCZAK, M.
STOLARSKI, P.

Studies on the preservation of lumber in water. p. 88

SYLWAN. (Wydzial Nauk Rolniczych i Lesnych Polskiej Akademii Nauk i Polskie Towarzystwo Lesne) Warszawa, Poland/
Vol. 101, no. 7, July 1957

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, no. 6, June 1959
Uncl.

BARTENBACH, M.; TOMCZAK, Z.

In-pile thermoelectric power measurements of germanium bombarded by fast neutrons. Acta physica Pol 23 no.2:189-195 F '63.

1. Institute of Nuclear Research, Warsaw (for Bartenbach and Tomczak). 2. Institute of Physics, Polish Academy of Sciences, Warsaw (for Kolodziejczak).

S/262/62/000/024/001/007
A154/A126

24.3700

AUTHORS: Bartenbach, Maria, Tomczak, Zenon, Kołodziejczak, Jerzy

TITLE: In-pile thermoelectric power measurements of germanium bombarded by fast neutrons

PERIODICAL: Referativnyy zhurnal, Silovyye ustanovki, no. 24, 1962, 4, abstract 42.24.37 (Rept. Inst. badań jądrow. PAN, 1962, no. 318/1-B, 10 pp, ill.; English; summaries in Polish and Russian)

TEXT: The thermoelectric index and electrical resistance of germanium close to its intrinsic conductance were measured during fast neutron bombardment in the Świerk nuclear reactor. By comparison of the experimental and theoretical data the dependence of the thermoelectric index on the irradiation time was found. The obtained data point to the existence of four energy minima in the conductance band of germanium. There are 4 figures, 1 table and 9 references.

[Abstracter's note: Complete translation]

Card 1/1

Steady stimulation and quenching of photoconductivity in cadmium sulfide by infrared radiation. M. Bartenbach, B. Buras, H. Rzewuski, and Z. Tomczak (Polish Acad. Sci., Warsaw). *Acta Phys.* ~~Polon. (Y)~~ 889-95(1950)(in English).—The changes in the steady photocurrent produced by exciting light in CdS single crystals by simultaneous illumination with infrared radiation have been investigated. Steady stimulation has been observed; this occurs when the photocurrent caused by visible light alone is small compared with the photocurrent caused by infrared radiation alone. For some definite ratio of the light intensity to infrared intensity infrared illumination causes no change in the photocurrent. If this ratio increases the well-known quenching phenomenon occurs. By using x-rays instead of visible exciting light, similar stimulation and quenching phenomena have been observed. These results can be explained by using the model suggested by Rose (*Phys. Rev.* 97, 322 (1955)) which involves the creation of free holes by infrared radiation and by assuming that only the current caused by infrared radiation is assocd. with holes. S. ~~N.~~

G

POLAND/Electricity - Semiconductors.

Abs Jour : Ref Zhur Fizika, No 11, 1959, 25349

Author : Bartenbach, M., Buras, B., Rzewuski, H., Tomczak, Z.

Inst : Institute of Nuclear Research, Polish Academy of Sciences Warsaw

Title : Study Stimulation and Quenching of Photoconductivity in Cadmium Sulfide by Infrared Radiation

Orig Pub : Acta phys. polon., 1958, 17, No 6, 389-395

Abstract : An investigation is made of the dependence of the effect of quenching of photoconductivity in CdS crystals on the ratio of the intensity of the source of excitation of photocurrent to the intensity of the infrared light. At small intensity of the exciting light, illumination with infrared causes a photocurrent to flow. At a definite ratio of intensity of the exciting light and intensity

Card 1/2

LADA, Witold; TOMCZAK, Zenon

Measurement of the beam of thermic and fast neutrons in the Ewa reactor. Nukleonika 7 no.1:43-46 '62.

1. Instytut Badan Jadrowych, Warszawa, Zaklad Technologii Izotopow Promieniotworczych i Zwiazkow znaczonych i Instytut Badan Jadrowych, Warszawa, Zaklad Ekxploatacji Reaktora

33737
P/046/62/007/001/003/006
D256/D304

26.2244

AUTHOR: Łada, Witold and Tomczak, Zenon

TITLE: Measurements of thermal and fast neutron flux in the "EWA"-reactor

PERIODICAL: Nukleonika, v.7, no. 1, 1962, 43-46

TEXT: The investigation was conducted in order to obtain information on the distribution of neutrons in the vertical channels of the reactor. The fluxes of the thermal, epithermal and fast neutrons as well as their distributions in the horizontal plane were measured in the isotope channels and in the channels of the thermal column of the reactor by means of activating Au^{197} and Co^{59}, whose 1/v dependence of the thermal neutron cross-section is well known. The activity after the irradiation was determined by a coincidence method using a G-M counter and a NaI(Tl) - scintillation counter with an EMI 6097B photomultiplier tube. The fluxes of the fast neutrons were determined using the reactions: $Al^{27}(n, \alpha)Na^{24}$ and $S^{32}(n, p)P^{32}$. The results are presented in a form of graphs

Card 1/2

33737

P/046/62/007/001/003/006
D256/D304

Measurements of thermal ...

plotting the relative flux densities against the distance from the center of the channel, and in addition a table of absolute flux densities is given. The following max. values are quoted: 1.9×10^{13} for thermal neutrons; 3.0×10^{11} for epithermal neutrons; 6.1×10^{11} for fast neutrons. There are 6 figures, 1 table and 7 references; 2 Soviet-bloc and 5 non-Soviet-bloc. The 4 most recent references to English-language publications read as follows: Grundl et al. Phys.Rev., 109,428,(1958); Reactor Physics Constants, ANL 5800; Neutron Cross Section. BLN-325; R.R. Coveyon, Nuclear Energy, (1956).

ASSOCIATION: Instytut badań jądrowych, Warszawa; zakład technologii izotopów promieniotwórczych i związków znaczonych; zakład eksploatacji reaktora (Institute of Nuclear Research, Warsaw; Department of Radioactive Isotope and Tracer Technology and Department of Reactor Operation, Warsaw)

SUBMITTED: November, 1961

Card 2/2

S/275/63/000/003/007/021
A052/A126

AUTHORS: Buras Bronisław, Bartenbach Maria, Suwalski Jan, Tomczak Zenon

TITLE: Radiation damage as a method for studying electric conductivity, Hall coefficient and thermoelectric power of germanium as functions of carrier concentration

PERIODICAL: Referativnyy zhurnal, Elektronika i yeye primeneniye, no. 3, 1963, 4, abstract 3B28 (Rept. Inst. badan jadrow. PAN, 1962, no. 314/1-B, 15 pp, ill.) (English: summaries in Polish and Russian)

TEXT: Electric conductivity, Hall coefficient and thermoelectric power were studied directly in the process of Ge irradiation with a fast neutron flux. The dependence of the intensity of these characteristics on the exposure period were taken. The data obtained refer to the same sample and to a fixed temperature. A comparison of experimental data with theoretical calculations, based on the assumption that in the transfer phenomena 3 types of carriers (electrons, ordinary and light holes) play an equal part, revealed good agreement. Moreover, based on the data obtained it was

Card 1/2

S/275/63/000/003/007/021
A052/A126

Radiation damage as a method ...

possible to compute concentrations and mobilities of light holes and to obtain an additional argument in favor of the number of minima in the conductivity zone of Ge being 4. The experimental installation is described in detail. There are 17 references.

I.A.

[Abstracter's note: Complete translation.]

Card 2/2

S/058/63/000/002/055/070
A160/A101

AUTHORS: Buras, Bronisław, Bartenbach, Maria, Suwalski, Jan, Tomczak, Zenon

TITLE: An investigation of the radiation defects as a method for studying the electric conductivity, the Hall coefficient and the thermo-emf of germanium as a function of carrier concentration

PERIODICAL: Referativnyy zhurnal, Fizika, no. 2, 1963, 88, abstract 2E589 ("Rept. Inst. badań jądrow. PAN", no. 314/I-B, 1962, 15 pp., illust., English; summaries in Polish and Russian)

TEXT: Measurements were carried out of the electric conductivity, of the Hall coefficient and of the thermo-emf of Ge (irradiated in a reactor) in the region of the natural conductivity as a function of the concentration of current carriers. The experimental results were compared to the calculated ones. Calculated were the concentration and the mobility of light holes. The results confirm the assumption regarding the presence of four minima in the conductivity zone of Ge.

[Abstracter's note: Complete translation]

Card 1/1

S/058/63/000/002/054/070
A160/A101

AUTHORS: Bartenbach, Maria, Tomczak, Zenon, Kołodziejczak, Jerzy

TITLE: The measurement of the thermo-emf of germanium bombarded by fast neutrons in a reactor

PERIODICAL: Referativnyy zhurnal, Fizika, no. 2, 1963, 88, abstract 2E588 ("Rept. Inst. badań jądrow. PAN", no. 318/I-B, 1962, 10 pp., illust., English; summaries in Polish and Russian)

TEXT: Simultaneous measurements were carried out of the thermo-emf and of the electric resistance near the natural conductivity in Ge subjected to bombarding by fast neutrons in a reactor. The dependence of the thermo-emf on the irradiation time was calculated and compared with the experiment on the basis of the experimental dependence of the electric conductivity on the irradiation time, and also on the basis of the thermo-emf theory. Obtained were some confirmations of the assumption regarding the presence of four minima in the conductivity zone of Ge.

[Abstracter's note: Complete translation]

Card 1/1

L 09036-67

ACC NR: AT6031308 SOURCE CODE: PO/2539/66/000/002/0065/0069 52

AUTHOR: Tomczuk, Seweryn (Master of engineering; Lecturer); Skurzak, Jan (Master of engineering)

ORG: [Tomczuk], Laboratory of Telemechanical Equipment, Wroclaw Polytechnic Institute (Zakladu Urzadzen Telemechanicznych, Politechnika Wroclawska); [Skurzak] Marine Radio Service for Ships, Gdynia (Morska Obsluga Radiowa Statkow)

TITLE: Remote control and signaling installation

SOURCE: Breslau. Politechnika. Zeszyty naukowe, no. 124, 1966. Automatyka, no. 2, 65-69

TOPIC TAGS: remote control, pulse coding, semiconductor diode, remote control equipment

ABSTRACT: The remote control and signaling device described in the paper was designed to transmit a maximum of 35 radio commands as well as to return signals of comand execution. It operates by the pulse coding system using the type 7/3

Card 1/2

L 09036-67

ACC NR: AT6031308

code. Its logic systems operate with semiconductor diodes. Orig. art. has: 2 figures. [Based on authors' abstract]

SUB CODE: 09/ SUBM DATE: none/

Card 2/2 nst

RYKA, Waclaw; TOMCZYK, Henryk

Bentonites in old paleozoic sediments of the Gory Swietokrzyskie. Kwartalnik geol 3 no.3:689-711 '59. (EEAI 9:7)

1. Zaklad Petrografii i Geochemii Instytutu Geologicznego i Swietokrzyska Stacja Terenowa Instytutu Geologicznego
(Poland--Bentonite)

TOMCZYK, Henryk

Further results of research in the Brzeziny region near Morawica. Kwartalnik geol 5 no.4:1002-1003 '61.

1. Swietokrzyska Stacja Terenowa, Instytut Geologiczny, Warszawa.

TOMCZYKOWA, Ewa; TOMCZYK, Henryk

Toe problem of the delimitation between the Silurian and the Devonian in Poland. Przegl geol 11 no.7:357-365 Jl '61.

CIESLA, Eugeniusz; TOMCZYK, Henryk

Iron ore prospecting in the Ordovician deposits in relation to those of Central Czechoslovakia. Przegl geol 10 no.1:17-21 Ja '62.

1. Instytut Geologiczny, Warszawa.

(21)

Warsaw, Przegląd Geologiczny, Vol 10, No 1 (105), January 1962.

1. "Discovery of an Oil Deposit in the Pre-Sudetan Monocline and Further Prospecting Prospects," Zbigniew OHOCHOWICZ of the Geological Institute (Instytut Geologiczny); pp 1-4. (English summary).

2. "Results of Geological Works During 1956-1960," Ewa NIEPTIMSKA-KOWALCZYCKA of the Central Geology Office (Centralny Urząd Geologii); pp 5-9.

3. "Development and Significance of the Salt Industry in the World and in Poland," Michał MIESIOLOWICZ of the Planning Commission (Komisja Planowania) of the Council of Ministers (Rada Ministrów); pp 9-13.

4. "Laramite Folding in the Sudeten," Stanisław RADWANSKI of the University (Uniwersytet) at Wrocław; pp 13-16. (English summary).

5. "Iron Ore Prospecting in the Cretaceous Sediments of the Holy Cross Mountains in Central Czechoslovakia," Eugeniusz CIESLA and Henryk TONCZYK of the Geological Institute (Instytut Geologiczny); pp 17-21. (English summary).

6. "Some Opinions on the Beginnings of Salt Production in Bochnia," Josef POROPSKI of the Academy of Mining and Metallurgy (Akademia Górniczo-Hutnicza) and the Geological Institute; pp 21-23.

7. "Regional Metallogeny and Method of Plotting Metallogenic Maps," Jerzy PEDAK of the Geological Institute; pp 23-27. (English summary).

8. "Course of Drilling the 1-KL-University (Texas) Pore-Hole," Wacław SKOCZYŃSKI of the Geological Institute; pp 27-29.

9. "Organization of Work of the Seismic Field Crews -- A Condition for Technical Progress," Henryk RUMAN of the Enterprise for Geophysical Explorations (Przedsiębiorstwo Poszukiwań Geofizycznych); pp 29-32. (English summary).

10. "Views on the Geological Structure Within the Zone of Great Gravity Gradients, Northwest of Radomsko,"

— 1/2 —

TOMCZYK, HENRYK

TOMCZYK, Henryk

Sedimentation of the Wydryszowskie strata in the Lyse Gory Mountain region and the Siedleckie strata in the Lebork borehole. Przegl geol 10 no.8:407-410 Ag '62.

1. Instytut Geologiczny, Warszawa.

TOMCZYK, Henryk

Ordovician and Silurian in the basement of the fore-Carpathian Depression. Rocz geol Krakow 33 no.1/3:289-320 '63.

1. Geological Institute, Holy Cross Mts Branch, Kielce.

TOMCZYK, Henryk; TURNAU-MORAWSKA, Maria

Stratigraphy and petrography of the Ordovician in Brzeziny near Morawica in the Gory Swietokrzyskie Mountains. Acta geol Pol 14 no.4:501-546 '64.

1. Department of Lowland Geology of the Institute of Geology, Polish Academy of Sciences, and Institute of Petrography of Sedimentary Rocks of the University, Warsaw.

TOMCZYK, Henryk

Silurian stratigraphy in northeastern Poland. Kwartalnik geol 8 no.3:506-523 '64.

1. Institute of Geology, Warsaw. Submitted February 25, 1963.

BOHOSIEWICZ, Michal; WARTENBERG, Lech; TOMCZYK, Wojciech

Studies on the toxicity of deaeration plates made of artificial fiber as experimentally used in the production of canned meat. Roczn panst zakl hig 15 no.3:315-321 '64.

1. Department of Pharmacology, Division of Veterinary Medicine, School of Agriculture, Wroclaw. Head: [doc. dr] T.Garbulinski, Department of Hygiene of Animal Products, Division of Veterinary Medicine, School of Agriculture, Wroclaw. Head: [prof. dr] L. Ogielski, and Veterinary Sanitation Inspection, Wroclaw.

TOMCZYKOWA, Ewa

Ordovician of the East European platform in the area of Poland. Kwartalnik geol 8 no.3:491-505 '64.

1. Gory Swietokrzyskie Field Station of the Institute of Geology in Kielce. Submitted February 25, 1963.

TOMCZYKOWA, Ewa

On the trilobite Acastella prima n.sp. Kwartalnik geol 6 no.2:260-266 '62.

1. Swietokrzyska Stacja Terenowa Instytutu Geologicznego, Warszawa.

TOMCZYKOWA, Ewa

TOMCZYKOWA, Ewa POLAND

Swietokrzyski Field Station, Geological Institute
(Swietokrzyska Stacja Terenowa Instytutu Geologicznego)

Warsaw, Kwartalnik geologiczny, No 3, 1963, pp 564-65.

"Stratigraphy of Platform Ordovicean".

TOMCZYK, H.

"The Lower Ludlovian in boreholes in Miedzyrzechow near Tarnow; a preliminary note." p. 311

KWARTALNIK GEOLOGICZNY. (Instytut Geologiczny) Warszawa, Poland. Vol. 2, No. 2, 1958

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 6, June 1959
Uncl.

TOMCZYK, HENRYK

Wenlok i Ludlow w synklinie kieleckiej Gor Swietokrzyskich. Wenlock and Ludlow in the Kielce syncline of the Swiety Krzyz Mts. (Wyd. 1.) Warszawa, Wydawn. Geologiczne, 1956. 129 P. (Warsaw. Panstwowy Instytyt Geologiczny. Prace, t. 16) (1st ed. English and Russian summaries. illus., maps, bibl., diagrs., footnotes, tables)

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

TOMCZYK, Lucjan (Grudziadz, ul. Sienkiewicza 31 m. 4.)

Case of foreign bodies in the liver & mesentery. Polski przegl. chir. 30 no.10:1043-1046 Oct 58.

1. Z Oddzialu Chirurgicznego O.S.W. w Grudziadzu Ordynator: dr L. Tomczyk.

(LIVER, foreign bodies
metallic, surg. removal (Pol))
(MESENTERIES, foreign bodies
same)

TOMCZYK, Lucjan

Closure of giant hernial defects by free buried skin grafts. Pol. przegl. chir. 36 no.1:53-59 Ja'64.

1. Z Oddzialu Chirurgicznego Szpitala Ministerstwa Sprawiedliwosci w Grudziadzu; ordynator: dr. L. Tomczyk.

TOMCZYK, Lucjan

Case of carcinoid of the appendix. Polski przegl. chir. 28 no.10: 1065-1068 Oct 56.

1. Z I Kliniki Chirurgicznej A.M. w Poznaniu. Kierownik: prof. dr. St. Nowicki, Adres autora: Grudziadz, Sienkiewicza 31.

(APPENDIX, neoplasms,
carcinoid (Pol))
(ARGENTAFFINOMA, case reports,
appendix (Pol))

POLAND/Chemical Technology - Chemical Products and Their Application - Photographic Materials. H.

Abs Jour : Ref Zhur - Khimiya, No 9, 1958, 30042

Author : Basinski, A., Tomczyk, M., Zielinski, L.
Inst : -
Title : Investigations on the Stabilization of Photographic Developers.

Orig Pub : Roczniki Chem, 31, No 1, 165-173 (1957) (in Polish with an English summary)

Abstract : The effect of various substances on the shelf-stability of amydol, pyrogallol, glycine, and metolhydroquinone developers has been investigated by sensitometric and by potentiometric methods. Lactic acid was found to double the useful life of the first three of the above developers. Amydol is stabilized by the addition of hydrocarbons, metol, caproic acid, and by acetone sulfite. Glycine can be stabilized with hydrocarbons,

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TOMCZYK, Stanislaw.

Penicillin therapy of paronychia. Polski tygod. lek. 10 no.40: 1320-1321 3 Oct 55.

1. Warszawa, ul. Mokotowska 57 m. 2d.
(PARONYCHIA, therapy,
penicillin)
(PENICILLIN, the apeutic use,
paronychia)

TOMCZYK, S.

Garages and sheds for machinery and implements of agricultural circles. p. 25

BUDOWNICTWO WIEJSKIE. (Ministerstwo Rolnictwa i Ministerstwo Panstwowych Gospodarstw Rolnych) Warszawa, Poland. Vol. 11, no. 10, Oct. 1959

Monthly list of East European Accessions(EEAI) LC, Vol. 9, no. 2, Feb. 1960

Uncl.

TOMCZYK, S.

"One rail funicular railroad" p. 25 (MECHANIZATOR ROLNICTWA, Vol 2, no. 3. March 1953 Warszawa, Poland)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress August, 1953, Uncl.

LIPINSKA-PIOTROWSKA, I.; SOBIEN-KOPCZYNSKA, St.; TOMCZYK, Z.

Quick's hippuric acid test in children with rheumatic disease. Pediat polska 36 no.3:263-268 '61.

1. Z I Kliniki Chorob Dzieci A.M. w Lodzi Kierownik Katedry: prof. dr med. Fr. Redlich Kierownik Kliniki: doc. dr med. K. Sroczynski.

(LIVER FUNCTION TESTS in inf & child)
(RHEUMATIC FEVER diag)

SOBIEN-KOPCZYNSKA, S.; LIPINSKA-PIOTROWSKA, I.; LAMBERT, I.; TOMCZYK, Z.

Lipoproteins in rheumatic disease in children. Pediat Pol 37 no.2: 121-127 F '62.

1. Z I Kliniki Chorob Dzieci AM w Lodzi Kierownik Katedry: prof. dr med. Fr. Redlich Kierownik Kliniki: Doc. dr med. K. Sroczynski.

(LIPOPROTEINS blood)
(RHEUMATIC FEVER blood)

TOMCZYK, Zofia

Congenital epidermolysis bullosa dystrophica in newborn infant.
Pediat. polska 31 no.8:907-912 Aug 56.

1. Z I Kliniki Chorob Dzieciecych A.M. w Lodzi Kier. doc. dr. med.
E. Wilkoszewski, Lodz, Armii Czerwonej 15.
(EPIDERMOLYSIS BULLOSA, in infant and child,
dystrophica, congen. (Pol))

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756210019-9"

TOMCZYKOWA, Ewa

Upper Silurian trilobites from the boreholes in Mielnik and Lebork. Kwartalnik geol 5 no.4:1005-1006 '61.

1. Swietokrzyska Stacja Terenowa, Instytut Geologiczny, Warszawa.

TOMCZYKOWA, E.

Preliminary studies on the Middle and Upper Ludlow in Gory Swietokrzyskie. p.65

Warsaw, Poland. PRZEGLĄD GEOLOGICZNY. Wydawnictwa Geologiczne. Vol.7, no.2, Feb.1959

Monthly List of East European Accessions Index, (EEAI) LC, Vol.8, no.6 June 1959
Uncl.

TOMCZYKOWA, Ewa; TOMCZYK, Henryk

Toe problem of the delimitation between the Silurian and the Devonian in Poland. Przegl geol 11 no.7:357-365 Jl '61.

TOMCZYKOWA, Ewa

The Bostow layers and their facial-stratigraphic counterparts.
Przegl geol 10 no.8:403-406 Ag '62.

1. Instytut Geologiczny, Warszawa.

TOMCZYKOWA, E.

"Fauna from graptolite Silurian shales of the Bardo syncline in the gory Swietokrzyskie." p. 321

KWARTALNIK GEOLOGICZNY. (Instytut Geologiczny) Warszawa, Poland. Vol. 2, No. 2, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 6, June 1959
Uncl.

TOMCZYKOWNA, H.,
I. TURONSKA, Polska Akad. Umiejetnosci, Prace Komisji Nauk.
Farm. Dissertationes Pharm. 1, 117-41 (1949)

TOMCZYNSKA, Ludwiga

Field session of the Scientific Council of the Industrial Fermentation Institute. Przem ferment i rol 4 no.1:23-25 Ja '65.

1. Industrial Fermentation Institute, Warsaw.

TOMCZYNSKA, Jadwiga

Agricultural utilization of waste waters by the Maszewo yeast plants. Przemysl fermentacyjny 6 no.5:123-125 My '62.

1. Instytut Przemyslu Fermentacyjnego, Warszawa.

TOMCZYNSKA, Jadwiga, mgr inz.; JURKIEWICZ, Janina, mgr.

Boiler plants of factories and communities as causes of air pollution in the city of Warsaw. Gaz woda techn sanit 38 no.6:196-199 Je '64

1. Sanitary and Epidemiological Station, Warsaw.

TOMCZYNSKI, B.

1958/59 campaign in the light of figures. II. p. 48

GAZETA CUKROWNICZA. (Stowarzyszenie Naukowo-Techniczne Inzynierow i Technikow Przemyslu Rolnego i Spozywczego i Centralny Zarzad Przemyslu Cukrowniczego) Warszawa, Poland. Vol. 61, no. 2, February 1959

Monthly List of East European Accession (EEAI) LC, Vol. 8, no. 7, July 1959

Uncl.

TOMCZYNSKI, B.

1958/59 campaign in the light of figures. III. p. 87.

GAZETA CUKROWNICZA. (Stowarzyszenie Naukowo-Techniczne Inzynierow i Technikow Przenyslu Rolnego i Spozywczego i Centrainy Zarzad Przenysiu Cukrowniczego) Warszawa, Poland. Vol. 61, no. 3, March 1959.

Monthly List of European Accessions (EEAI) LC. Vol 8, no. 8 August 1959.

Uncl.

TOKCZYNSKI, B.

1958/59 campaign in the light of figures. IV. p. 119

GAZETA CUKROWNICZA. (Stowarzyszenie Naukowo-Techniczne Inzynierow i Technikow Przemyslu Rolnego i Spozywczego i Centrainy Zarzad Przemysiu Cukrowniczego) Warszawa, Poland. Vol. 61, no. 4, April 1959.

Monthly List of European Accessions (EEAI) LC. Vol. 8, no. 8 August 1959.

Uncl.

TOMCZYNSKI, B.

1958 campaign in the light of figures. V. p. 154.

GAZETA CUKROWNICZA. (Stowarzyszenie Naukowo-Techniczne Inzynieror i Technikow Przemyslu Rolnego i Spozywczego i Centrainy Zarzad Przenysiu Cukrowniczego) Warszawa, Poland. Vol. 61, no. 5, May 1959.

Monthly List of European Accessions (EEAI) LC, Vol. 8, no. 8 August 1959.

Uncl.

POLAND/Chemical Technology - Chemical Products and Their Application - Carbohydrates and Refinement. H.

Abs Jour : Ref Zhur - Khimiya, No 9, 1958, 30409

Author : Tomczynski, B.
Inst : -
Title : Discussions on the Improvement of the Diffusion Process.

Orig Pub : Gaz Cukrownicza, 59, No 1, 7-12, 1957.

Abstract : The performance of Polish diffusion plants during the 1955 season is analyzed on the basis of statistical data. The principal parameters of the various types of equipment are presented along with representative performance figures.

Card 1/1

2

TOME, M.F.; NOVIKOVAS, E.A.; KARPAVICIUTE, M., red.

[General zootechny. Bendroji zootechnija. Vilnius, Leidykla "Mintis," 1965. 486 p. [In Lithuanian]

(MIRA 18:6)

TOMECEK, D.

Czechoslovakia/Chemical Technology - Chemical Products and Their Application. Fermentation Industry, I-27

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63543

Author: Tomecek, D.

Institution: None

Title: Considerations Concerning Yeast Nutrition and Mash Acidification at Alcohol Plants

Original Periodical: Uvaha o vyzive kvasnic a okyselovani v priemyselnych liehovaroch. Prumysl potravin, 1954, 5, No 8, 338-343; Slovak

Abstract: Described are quantitative and qualitative composition of nutrients of molasses, the necessary additional nutrients required by yeast and preparation of superphosphate extract. Considered is the problem of mash acidification, effect of buffer substances, selection and determination of the amount of acid. Cited are the requirements in nutrients and acid per one hl of alcohol at 12 alcohol plants. Operation of the plants is analyzed.

Card 1/1

Korolev, A.

"Production of fusel oil in the process of obtaining alcohol from molasses."
Chemicke Zvesti, Bratislava, Vol 7, No 3/4, Mar./Apr. 1953, p. 249

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

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The formation of fusel oil in manufacturing of industrial c alcohol from molasses. Dezider Tomeček (Západoslovenský lichový priemysel n.p., Leopoldov, Czech.). *Chem. Zvesti* 7, 240-60(1953).—The impossibility of increasing fusel oil by the recycling yeast process is discussed. Jan Micka

TOMECEK, Vaclav, inz.

Wet sanding of lacquered surfaces. Drevo 18 no.5:193 My '63.

1. UP zavody, Bucovice, zavod Velky Tynec.

NECHITI, G., ing.; MUNTEANU, Gh.; TOMESCI, Gh.

From the experience of the management organization of the Gherla District, Cluj region. Rev geodezie 7 no.2:33-45 '63.

1. O.R.P.O.T. Cluj.

TOMECKA, B.

Practical introduction of technological and economic strandards.

P. 281, (Stavivo) Vol. 35, no. 7, July, 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

TOMECKA, Jerzy, inz.

The new Czechoslovak C-29 jet trainer. Techn lotn 19 no. 1: 2-3 Ja '64.

TOMECEK, Jindrich

Contribution to the method of experimental parabiosis. Scr. med. fac. med. Brunensis 36 no.6:301-305 '63.

1. Katedra patologicke fysiologie lekarske fakulty J.E.Purkyne v Brne Prednosta Doc. MUDr. Jaromir Vasku, C.Sc.

TOMECKA, V.

Present problems in shops for repairing machinery. p. 376. (MECHANISACE ZEMEDELSTVI, Vol. 7, No. 16, Aug 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

TOMECKA, V.

Safety and protection of the health of workers in machine-tractor stations. p. 35.
MECHANISACE ZEMEDELSTVI. Vol. 5, No. 2, Jan. 1955.

SO: Monthly East European Accession, (EEAL), LC, Vol. 4, No. 9, Sept. 1955 Uncl.

L 41202-66 EWT(1)/EWT(m) JM
ACC NR: AT6018308 (N) SOURCE CODE: PO/2535/64/000/017/0127/0128

AUTHOR: Swierzawski, Tadeusz (Doctor, Engineer); Tomeczek, Jerzy (Master Engineer)

ORG: [Swierzawski] Laboratory of Nuclear Energy, Department of the Theory of Heating Installations, Silesian Polytechnical Institute (Zaklad Energetyki Jadrowej Katedry Teorii Maszyn Cieplnych Politechniki Slaskiej)

TITLE: The problem of entropy in nuclear processes with regard to the exergonic efficiency of nuclear reactors 57 B+1

SOURCE: Gliwice. Politechnika Slaska. Zeszyty naukowe, no. 123, 1964. Energetyka, no. 17. III Sesja Naukowe, 27-28 listopada 1964 r., 127-128

TOPIC TAGS: nuclear engineering, entropy, thermodynamic efficiency

ABSTRACT: The authors study the problem of entropy increase in a nuclear reactor with regard to the contributions made by individual phenomena to the total increment in entropy. Since the problem is extremely complicated, a number of simplifications and special assumptions are made without distorting the general nature of the phenomena. Numerical calculations for the experimental WWR-S reactor "Ewa" at the Institute of Nuclear Research in Swierk are used as a basis for estimating the exergonic efficiency of nuclear reactors powered by natural or enriched uranium. Two definitions are given for reactor efficiency: 1. exergonic efficiency in the use of nuclear fuel with con-

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sideration to the fact that it is impossible to "burn" all the fuel since a critical mass must be maintained in the reactor core; 2. effective exergonic efficiency with consideration to the possibility of continued "burning" of fissioned nuclides extracted from the reactor core. The results may be used for calculating reactor efficiency as a function of the type of fuel cycle.

SUB CODE: 18/ SUBM DATE: none/ ORIG REF: 002/ OTH REF: 001

Card 2/2 hs

TOMEK, Antonin

X-ray and microscopic analysis of insulation coatings on mica.
Sbor vak elektrotech 3:201-210 '61.

1. Tesla Vrchlabi, Vyzkumne chemicka laborator.

Manufacturing ethyl oxalate from oxalic acid dihydrate. Bohumil Tomek. Czech. 93,510, Jan. 15, 1960. When H_2O of crystn. is first removed by azeotropic distn. as described, the subsequent esterification requires only 50% EtOH in comparison with older methods and gives higher yields (91.7–3.8%). $(CO_2H)_2.2H_2O$ (350 kg.) dehydrated with 730 kg. $CHCl:CCl_4$ in the course of 8 hrs., 105 l. H_2O distd. at normal pressure and 525 kg. $CHCl:CCl_4$ at reduced pressure, 290 kg. EtOH added, esterified as long as an upper layer is formed in the condensate while a mixt. of EtOH–$CHCl:CCl_4$ is added for each 60–70 l. distillate, the solvents recovered for the next run, and crude ester rectified *in vacuo* gives 92.1% Et oxalate. L. J. Urbánek

TOMEK, Jan, promovany ekonom

Rational supply of spare parts, a way to make better use of mechanization on building sites. Inz stavby 9 no.9: Suppl.101-102 S '61.

1. Vodni stavby, n.p., Sezimovo Usti.

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their Application, Ceramics. Glass. Binding Materials. Concrete. H-13

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 16312

Author : Vavrin, F.; Tomek, J.
Inst : Not given
Title : Problems in the Manufacture of "Penoconcrete" for Ordnance

Orig Pub : Pozami stavby, 1958, 6, No 6, 307-311

Abstract : Optimum strength of articles made of "penoconcrete" is attained when 30 - 40% of cement is replaced by fine cinder dust collected from power station stacks. Compacting properties and hygroscopicity of articles are reduced when "Hidrof PV" additives are employed. -- Ye. Stefanovskiy

Card 1/1

BRAZDOVA, Kvetuse; NEZVAL, Jaroslav; TABORSKY, Ivan; Techn. spoluprace: TOMEK, J.; KOCUROVA, J.; ZAJICOVA, V.

Our experiences with ethylene oxide disinfection. Scr. med. fac. med. Brunensis 36 no.4:181-186 '63.

1. Katedra hygieny a epidemiologie lekarske fakulty University JEP v Brne Prednosta prof. MUDr. et RNDr. Karel Halacka.
(ETHYLENE OXIDE) (DISINFECTION)
(BACILLUS SUBTILIS) (STAPHYLOCOCCUS)
(MYCOBACTERIUM) (TEMPERATURE)

TOMEK, Jiri, inz., ScC.; TUMA, Frantisek

Mortars and grouts for panel assembling under low temperature.
Poz stavby 11 no.5:264-267 '63.

1. Vyzkumny ustav stavebni, Gottwaldov.

VAVRIN, František, prof., inz., dr; TOMEK, Jiri, inz., ScC.

Raw materials for light outer walls of panel constructions.
Poz stavby 11 no.5:237-238 '63.

1. Vysoke uceni technicke, Brno (for Vavrin). 2. Vyzkumny ustav stavebni, Gottwaldov (for Tomek).

TOMEK, Jiri, inz., C.Sc.; FLAK, Vladimir

Making fast drying floor concretes. Poz stavby 11 no.4: 209-212 '63.

1. Vyzkumny ustav stavebni, Gottwaldov.

TOMEK, J.

Plastic concrete from light stones. Stavivo 42 no.4:132-133 Ap '64

VAVRIN, Frantisek, prof. inz. dr.; TOMEK, Jiri, doc. inz. CSc.

New methods of n/ destructive examination of the corrosion of concrete reinforcements. Inz stavby 13 no.1:20-22 Ja '65.

1. Higher School of Technology, Brno.

TOMEK, Josef

Echinococcal cyst of the myocardium. Cesk. rentgenol. 16 no.12:130-133 Ap '62.

1. Rentgenologicke oddeleni OUNZ v Gottwaldove, prednosta MUDr. O. Zakopal.

(HEART DISEASE case reports)
(ECHINOCOCCOSIS case reports)

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